

Boyd Laboratory

Herrick Archives Number 110

A. IDENTIFICATION & LOCATION

1 Name

1.1 Officially named "James Ellsworth Boyd Laboratory" by Board of Trustees on April 17, 1964.

1.2 Alternate names noted:

Built as Highway Testing Laboratory

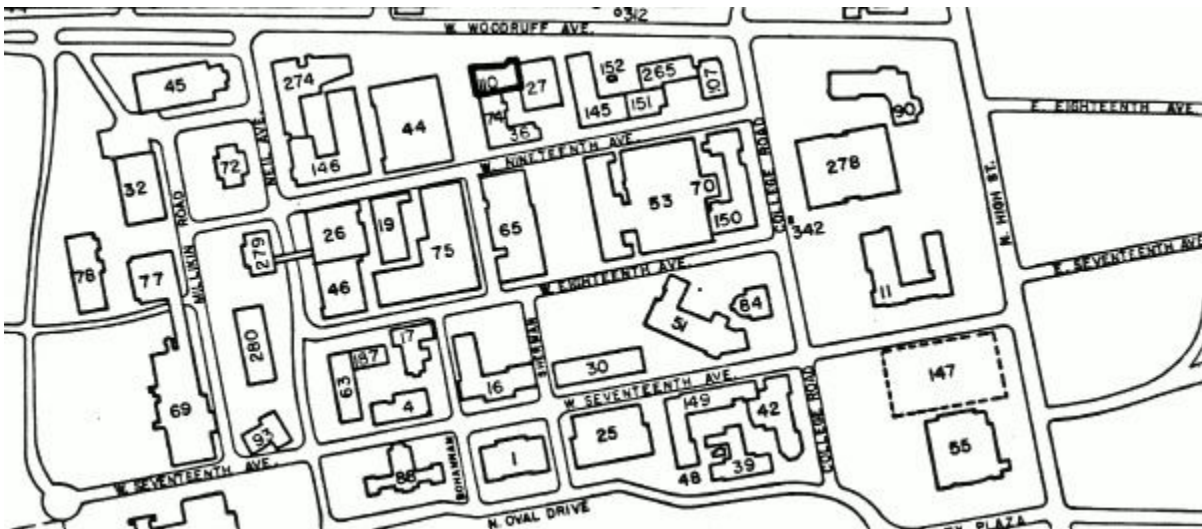
Designated on some plans as "Addition to Engineering Experiment Station."

See Addendum No. 1, 2

2. Location

2.1 Located at 155 West Woodruff Avenue. See map below.

2.2 For greater detail, see Sheet 84 in the book of campus maps in the University Archives.



For identification of other buildings shown, see Appendix A.

3. General Description

3.1 Type of construction:

Reinforced concrete and steel frame with brick exterior.

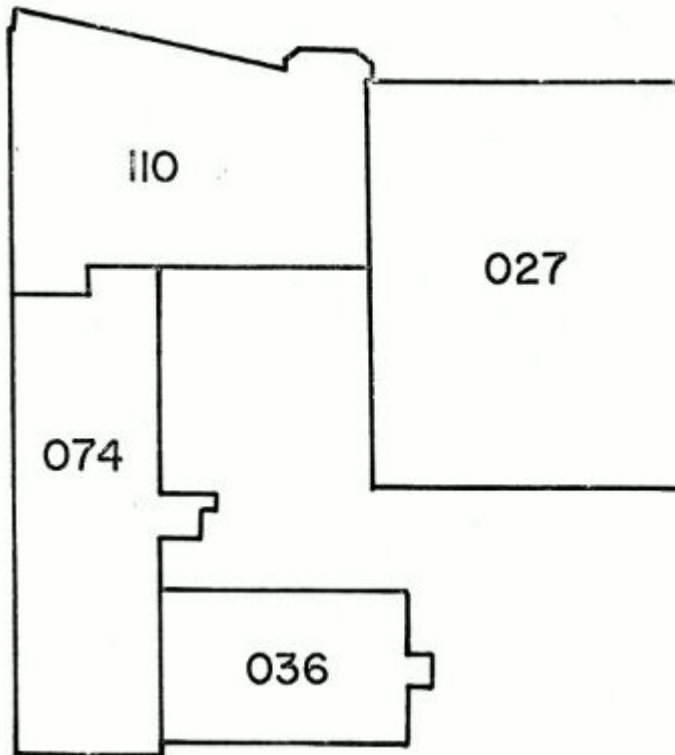
3.2 No. of stories:

Three, with no basement.

3.3 Increments of construction:

None except Building 074 occasionally referred to as an addition to Engineering Experiment

Station. See sketch. See also reports for Buildings 027, 074, and 036.



3.4 Present area of building as shown in inventory records of Division of Campus Planning:

22,756 sq. ft. gross:

12,933 sq. ft. net assignable

3.5 Volume of building:

204,804 cu. ft. (PP)

See Addendum No. 3

B. PLANNING & CONSTRUCTION

1. On April 13, 1931 the Board of Trustees approved the tentative proposal that the State Highway Department erect an addition to the Engineering Experiment Station (Building 027) or a separate building to house a testing laboratory. The proposal was later expanded to include offices of Division 6 of the State Highway Department (T:10!24!31).
2. The Board of Trustees on November 21, 1931 approved a formal agreement with the Highway Department governing the construction and use of this building.
3. On February 3, 1932 the Board of Trustees approved the plans and related documents prepared by Howard Dwight Smith and directed that the State Highway Department be so advised.
4. Bids were received on April 29, 1932 (A), and on the basis of these bids, contracts were awarded by the Highway Department to the following contractors:

General: Robert B. Evans & Co.

Electrical: Electric Power Equipment Co.

5. A note on the back of the April 29, 1932 bid tabulation sheet (A) indicates that the heating and plumbing contracts were awarded on the basis of bids received on May 16, 1932 to E. M. Carmell Co.

6. Completion and occupancy:

Final estimates were dated February 27, 1933 for the general and electrical contractors and April 24, 1933 for Carmell.

C. COST

1. The proposed cost in 1931 was \$85,000, according to the November 21, 1931 minutes of the Board of Trustees.

2. The University carries the building at \$577,860.91 as of June 30, 1975 (B). This appears to be largely the cost of remodeling in the mid-1960's, and does not include the original cost to the State Highway Department.

D. PHOTOGRAPHS

1. In Photoarchives:

X 1480

X 1483

X 1484

E. MISCELLANEOUS

1. Served as testing laboratory for Ohio Highway Department and headquarters for Division 6 of the Ohio Highway Department.

2. After the University took over the building in mid-August 1961, the building was largely idle but parts of it were assigned for a variety of purposes, chiefly by the Engineering Experiment Station.

3. On April 17, 1964 the Board of Trustees let contracts for extensive remodeling of the building. Upon completion of this work, the building was assigned chiefly to the Department of Engineering Mechanics in May 1965 (P).

John H. Herrick
October 19, 1976

ADDENDUM NO. 1

Inspection of old campus maps reveals the following additional name for this building:

Highway Lab

John H. Herrick
November 13, 1979

ADDENDUM NO. 2

The following additional name for this building has been found on old campus maps:

Engineering Experiment Station

John H. Herrick
September 21, 1981

ADDENDUM NO. 3

Campus Planning records now show the net assignable area of this building as 12,909 square feet.

John H. Herrick
November 8, 1984